AMENDMENTS TO THE SPECIFICATION

On page 1, please replace the first paragraph with the following paragraph.

This application claims the benefit of U.S. provisional application serial no. 60/183,663, which was filed on February 18, 2000 and is herein incorporated by reference. This application is also related to copending U.S. application serial no. 09/353,325, entitled "High-Throughput Infrared Spectrometry" and filed July 14, 1999, now U.S. Pat. No. 6,483,112, as well as U.S. application serial no. 09/507,293, entitled "High-Volume On-Line Spectroscopic Composition Testing of Manufactured Pharmaceutical Dosage Units" and filed on February 18, 2000, now U.S. Pat. No. 6,690,464, both of which are herein incorporated by reference.

On page 7, under the section entitled "Brief Description of the Drawings" and before the section entitled "Detailed Description of an Illustrative Embodiment," please replace the brief description paragraphs for Figs. 6 and 7 with the following replacement paragraphs.

Fig. 6 is a diagram illustrating portions of a spectrometer such as the one shown in Fig. 1 that has been adapted to employ light conductors; and

Fig. 7 is another diagram illustrating portions of another spectrometer such as the one shown in Fig. 1 that has been adapted to employ light conductors[[;]].

On page 7, after the description of Fig. 7, please delete the five paragraphs added by amendment that describe Figs. 8-12.

Please replace the second full paragraph on page 12 with the following paragraph.

The sources can also be switched using sequences such as the Hadamard sequence~~, as described in provisional application no. 60/091,641, entitled Spectrometry Employing Mirror Arrays and filed July 2, 1998, and its child, application serial no.~~

~~09/345,672, filed June 30, 1999, both of which are herein incorporated by reference and substantially reproduced below~~. Such systems can receive an image using a single detector or a smaller array of detectors by illuminating different ones of a series of differently-directed sources according to a suitable sequence of spatial patterns. An unswitched array can also be used in connection with a switchable mirror array, as described in the above-referenced application. A switching sequence can even be designed to derive both spectral and spatial information from the sample with a single detector.

On page 13, after the first full paragraph, please delete the material added by amendment that includes all but the last paragraph in the remainder of the specification, beginning with the language stating that "The remainder of this application is a substantial copy of ..." and ending with "...on a feature observed at a lower resolution."